

**AuroraFlex™ GA70561002**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

A 80°C , Jacketing Compound UL approved for 720 hr. sunlight resistance. Suitable for use in direct burial applications.

Note: Additional custom color matching is available upon request.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Sunlight Resistant (720 hours)		
Uses	• Jacketing		
Appearance	• Colors Available		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38 to 1.44		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	2390	psi	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87 to 93		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>3</sup>	-7.60	°F	ASTM D746
Temperature Rating	176	°F	UL 1581
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 240 hr)	4.0	%	ASTM D412
Change in Ultimate Elongation (212°F, 240 hr)	-25	%	ASTM D412
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (0.125 in)	27	%	ASTM D2863

**Processing Information**

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	310	°F
Cylinder Zone 2 Temp.	320	°F
Cylinder Zone 3 Temp.	330	°F
Cylinder Zone 4 Temp.	340	°F
Melt Temperature	340	°F
Die Temperature	345 to 350	°F

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Die C

<sup>3</sup> 75 mil
